

**Remarks/Arguments:**

Claims 4, 7-10, 12 and 14-16 are pending in the above-identified application. Claim 1-3, 5-6, 11 and 13 are cancelled. New claim 16 has been added.

Claims 1, 4-5, 12 and 14-15 were rejected under 35 U.S.C. § 103 (a) as being unpatentable over Olson et al and Siegel. The rejection of claims 1 and 5 are moot due to the cancellation of these claims. Claim 4 is amended to include,

an information transmission part for changing a characteristic of a signal that affects the distance the information is transmitted based on **the speed or the acceleration...**

...a controller for **selecting a predetermined power according to each of a plurality of ranks of the speed or the acceleration...**(Emphasis added).

Basis for these amendments may be found, for example, in the specification at page 4, lines 21-23, page 7, lines 9-19 and Figure 5.

Applicants acknowledge, with thanks, the courtesy of the Examiner for granting a telephone interview. During the interview, the Examiner indicated that the amendment appeared to overcome the rejection, but required further consideration. Accordingly, that amendment is being filed so that it can be considered.

Applicant's exemplary embodiment discloses that an information transmittable distance may be changed. For example, an information transmittable distance may be changed in response to **a speed**. (Page 4, lines 17-18). According to a further example, the distance be controlled in response to **an acceleration**. (Page 10, lines 12-14). Applicant's exemplary embodiment includes an information transmission part 1103 that changes the information transmittable distance, for example, in three ranks, in response to a speed for transmitting information. (Page 4, lines 21-23). The three ranks correspond to the **speed** of the information transmitting apparatus (Fig. 5). Apparatus 41 **selects** mode "1" (**corresponding to the first rank**) when it moves at the speed of 0.1 - 1.0 m/sec (for example), then transmits information at a distance of 2 meters

therefrom. When apparatus 41 moves at the speed of 1.1 – 3.0 m/sec (for example), it **selects mode "2" (corresponding to the second rank)** and transmits information at a distance of 4 meters therefrom. When apparatus 41 moves at the speed of not less than 3.1 m/sec (for example), it **selects mode "3" (corresponding to the third rank)** and transmits information at a distance of 6 meters therefrom. The information transmission part of apparatus 41 can change an information transmittable distance by selecting a transmission voltage ("**predetermined power**") according to each one of the ranks. (Page 7, lines 9-19). Thus, Applicants' exemplary embodiment discloses "...an information transmission part for changing a characteristic of a signal that affects the distance the information is transmitted based on **the speed or the acceleration,**" as recited in claim 4. Further, Applicants' exemplary embodiment discloses, "**...selecting a predetermined power according to each of a plurality of ranks of the speed or the acceleration,** as recited in claim 4.

Olson et al. discloses a method of identifying a location based on the driving directions towards a destination. As shown in Fig. 5, the driving directions include a heading column and a distance column. Fig. 5 does not include a column for speed or acceleration. Thus, Olson does not disclose "...changing a characteristic of a signal that affects the distance the information is transmitted based on **the speed or the acceleration,**" as recited in claim 4. Further, Olson et al. does not disclose "...a controller for **selecting a predetermined power according to each of a plurality of ranks of the speed or the acceleration...**

Siegel has an algorithm that calculates the strength and approximate transmission distance of the signal, based on the speed of the emergency first vehicle. (Para. [0014]). Siegel does not disclose ranks of any kind. Thus, Siegel does not disclose "...a controller for **selecting a predetermined power according to each of a plurality of ranks of the speed or the acceleration,**" as recited in claim 4.

Thus, claim 4 is allowable over the art of record.

Claims 7, 9 and 12, while not identical to claim 4, includes features similar to those set forth above with regard to claim 4. Thus, claims 7, 9 and 12 are also allowable over the art of record for reasons similar to those set forth above with regard to claim 4.

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Claims 8, 10 and 14-15, which include all of the features of their respective base claims, are submitted for allowance for the reasons described above with respect to their base claims.

New claim 16 has been added. Basis for new claim 16 may be found, for example, at page 7, lines 11-17, page 9, lines 2-4 and Figs. 5 and 7. No new matter has been added.

In view of the amendments and arguments set forth above, the above-identified application is in condition for allowance, which action is respectfully requested.

Respectfully submitted,



Lawrence E. Ashery, Reg. No. 34,515  
Attorney for Applicant

LEA/DFD/nm

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P.O. Box 980  
Valley Forge, PA 19482  
(610) 407-0700

NM215585